

CLAIMS

1. A scrubbing method comprising:

a washing step of rotating a lens mold for molding a plastic lens, pressing an elastic polishing member against a surface of said lens mold while rotating said elastic polishing member, and, in this condition, supplying a liquid to the area between said surface of said lens mold and said elastic polishing member so as thereby to wash said lens mold; and

a self-washing step of rotating said elastic polishing member, supplying a liquid to said elastic polishing member, and, in this condition, deforming said elastic polishing member so as thereby to wash said elastic polishing member.

2. A scrubbing method as set forth in claim 1, wherein

said liquid used in said washing step and said self-washing step is a slurry containing an abrasive dispersed in water.

3. A scrubbing method as set forth in claim 1, wherein

said liquid used in said washing step and said self-washing step is water.

4. A scrubbing method as set forth in claim 1, wherein

self-washing is conducted while deforming said elastic polishing member by pressing said elastic polishing member and a rod-like member against each other.

5. A scrubbing method as set forth in claim 1, wherein

said washing step and said self-washing step are conducted alternately.

6. A scrubbing apparatus comprising: a mold holding unit for holding and rotating a lens mold for molding a plastic lens; a pressing unit spaced from said mold holding unit; a polishing member holding unit for holding and rotating an elastic polishing member; an operating unit for operating said mold holding unit and/or said polishing member holding unit so as to perform a washing operation and a self-washing operation, said washing operation comprising moving said elastic polishing member or said lens mold while pressing said elastic polishing member against said lens mold, and said self-washing operation comprising pressing said elastic polishing member against said pressing unit; and a liquid supplying unit for supplying a liquid to said elastic polishing member while said elastic polishing member is performing said washing operation and said self-washing operation.

7. A scrubbing apparatus as set forth in claim 6, wherein said operating unit effects said washing operation and said self-washing operation alternately, and effects said self-washing operation when said washing operation is at rest for a predetermined period of time.

8. A scrubbing apparatus as set forth in claim 6, wherein said liquid supplying unit supplies a slurry containing an abrasive dispersed in water.

9. A scrubbing apparatus as set forth in claim 6, wherein said liquid supplying unit supplies water.

10. A lens mold drying method comprising:
a hot water supplying step of supplying water heated to a

predetermined temperature to a surface of a lens mold for molding a plastic lens while rotating said lens mold; and

a drying step of supplying dry air to said surface of said lens mold while rotating said lens mold, after said hot water supplying step.

11. A lens mold drying method as set forth in claim 10, wherein said heated water is pure water.

12. A lens mold drying apparatus comprising: a mold holding unit for holding and rotating a lens mold for molding a plastic lens; a hot water supplying unit for supplying water heated to a predetermined temperature to a surface of said lens mold; and a dry air supplying unit for supplying dry air to said surface of said lens mold.

13. A lens mold drying apparatus as set forth in claim 12, wherein

said dry air supplying unit is disposed on the upper side of said mold holding unit, and a cover member for surrounding said mold holding unit is provided with an exhaust port in a lower portion thereof.

14. A method of manufacturing a plastic lens, comprising the steps of disposing a pair of lens molds opposite to each other with a predetermined spacing therebetween, sealing the gap between said lens molds to form a lens-shaped cavity, charging a curable composition into said cavity, and curing said curable composition to thereby mold the plastic lens, wherein

said curable composition is heated to a temperature higher than room temperature or cooled to a temperature lower than room

temperature, and the temperatures of said pair of lens molds are set to within $\pm 10^{\circ}\text{C}$ from the temperature of said curable composition by heating or cooling.

15. A method of manufacturing a plastic lens as set forth in claim 14, wherein

said pair of lens molds are heated by washing said pair of lens mold and/or by drying said pair of lens molds with water heated to a predetermined temperature.